Hydrologic Model Manager

Short Name	IHMM
Long Name	Integrated Hydro Meteorological Model
Description	
Model Type	Spatially-lumped, process-based, uncertainty-explicit
Model Objectives	Ensemble forecasting of basin rainfall and outflow Agency and Office:
Agency _Office	Hydrologic Research Center (HRC)
Tech Contact	Dr. K.P. Georyakakos HRC, 12780 High Bluff Dr., #250, San Diego, CA 92130; (Kgeorgakakos@hfc-lab.org)
Model Structure	Components for rainfall prediction, soil moisture estimation, channel flow prediction, real-time updating from rain and flow, ensemble forecasting
Interception	
Groundwater	
Snowmelt	
Precipitation	
Evapo-transpiration	
Infiltration	
Model Paramters	Physically meaningful
Spatial Scale	10km2 - 50km2
Temporal Scale	1 hr - 12 hours
Input Requirements	Convective available potential energy, surface mixing ratio, surface relative humidity, potential ET
Computer Requirements	PC Windows, LINUX and Workstation UNIX
Model Output	Ensemble forecasts of basin flow and rain for multiple lead times
Parameter Estimatn Model Calibrtn	From physical data and refinement by interactive calibration
Model Testing Verification	New model, not tested yet with real-world data
Model Sensitivity	As described in Chapter in this book
Model Reliabiity	As described in Chapter in this book
Model Application	Flash-flood prediction
Documentation	Chapter in this book and reference therein
Other Comments	
Date of Submission	5/1/2001 3:31:51 PM
Developer	
Technical Contact	
Contact Organization	